

ABSTRACT

A method for indicating the prevailing service situation in a packet radio network which includes at least one base station and at least one terminal equipment, and where several classes for the quality of service have been determined. In accordance with the invention, at least one parameter representing the service situation of the packet radio network is determined and this parameter is made available to the terminal equipment. The parameter can be determined in some fixed network element of the network, such as a base station system or a support node. Alternatively, the parameter can be determined in the terminal equipment. The parameter can be sent simultaneously to several terminal equipments on a broadcast channel, preferably on BCCH or PBCCH or as a multicast transmission (e.g. Point-To-Multipoint) or it can be sent to one terminal equipment at a time as a Point-To-Point transmission or a short message, for example. If the parameters are sent to all terminal equipments at the same time, it is most advantageously to send simultaneously the parameters representing the situation of all the classes for the quality of service.

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(54) Title: DETERMINATION OF SERVICE SITUATION IN PACKET RADIO NETWORK

(57) Abstract

A method for indicating the prevailing service situation in a packet radio network (1, 2) which includes at least one base station (BTS) and at least one terminal equipment (MS, PC), and where several classes for the quality of service have been determined. In accordance with the invention, at least one parameter representing the service situation of the packet radio network is determined and this parameter is made available to the terminal equipment (MS, PC). The parameter can be determined in some fixed network element of the network, such as a base station system (BSS) or a support node (SGSN). Alternatively, the parameter can be determined in the terminal equipment (MS, PC). The parameter can be sent simultaneously to several terminal equipments (MS, PC) on a broadcast channel, preferably on BCCH or PBCCH or as a multicast transmission (e.g. Point-To-Multipoint) or it can be sent to one terminal equipment at a time as a Point-To-Point transmission or a short message, for example. If the parameters are sent to all terminal equipments at the same time, it is most advantageously to send simultaneously the parameters representing the situation of all the classes for the quality of service.

